



CELTIC-NEXT

Pitch of

the Project Proposal

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MAP

Multimodal Authentication Platform

SESTEK

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Intelligent authentication is a need

→ Why?

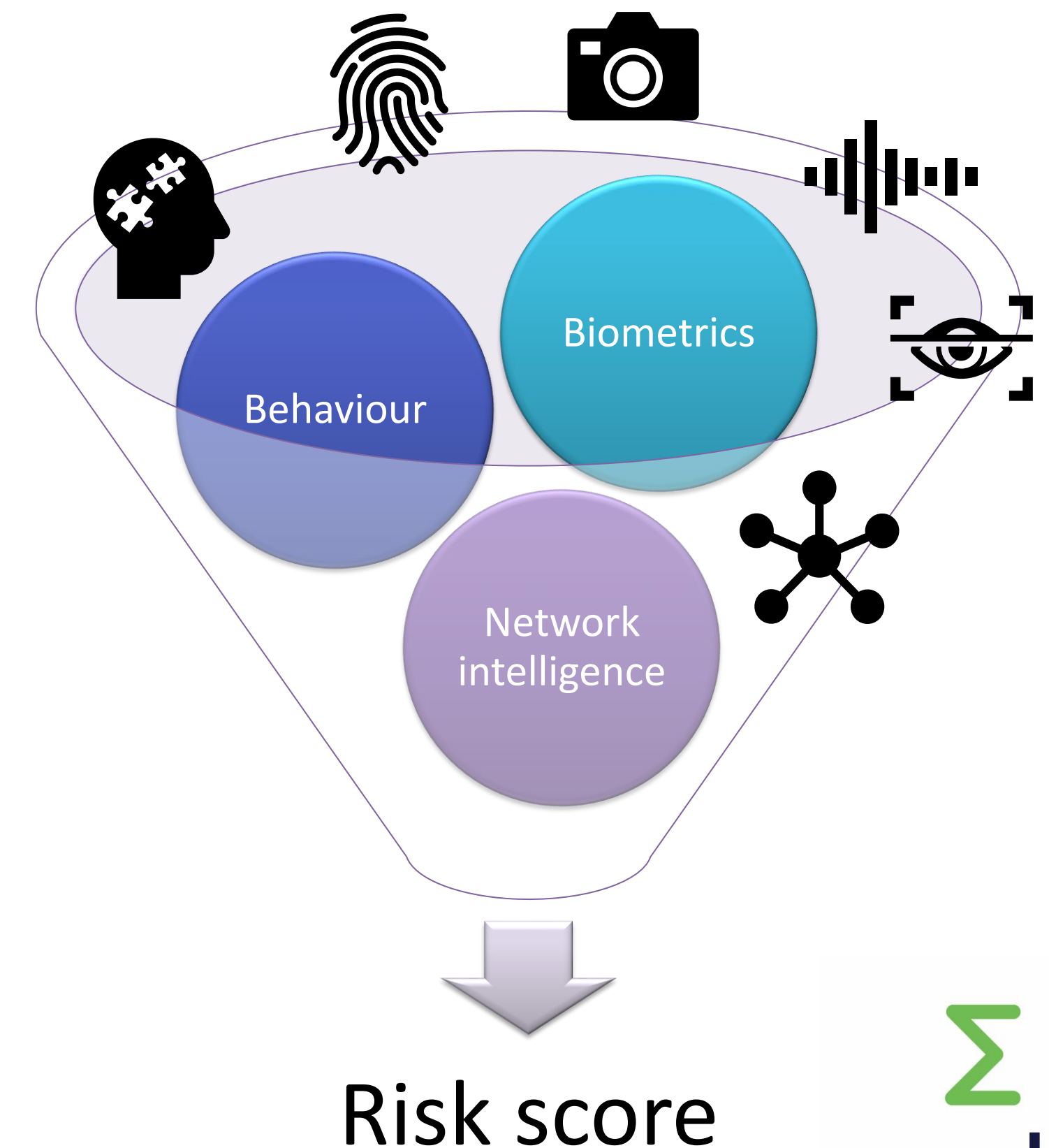
- Increase of device usage to access digital services and the growing number of these digital services across domains and sectors
- Importance and prominence of digitalization in our societies and economies
- Greater need for users and businesses to identify and authenticate online
- Fraudsters exploit vulnerable authentication systems.
- Standard techniques for verifying customer identity lack the necessary security.
- Existing demands from the market.



MAP Project aims to:

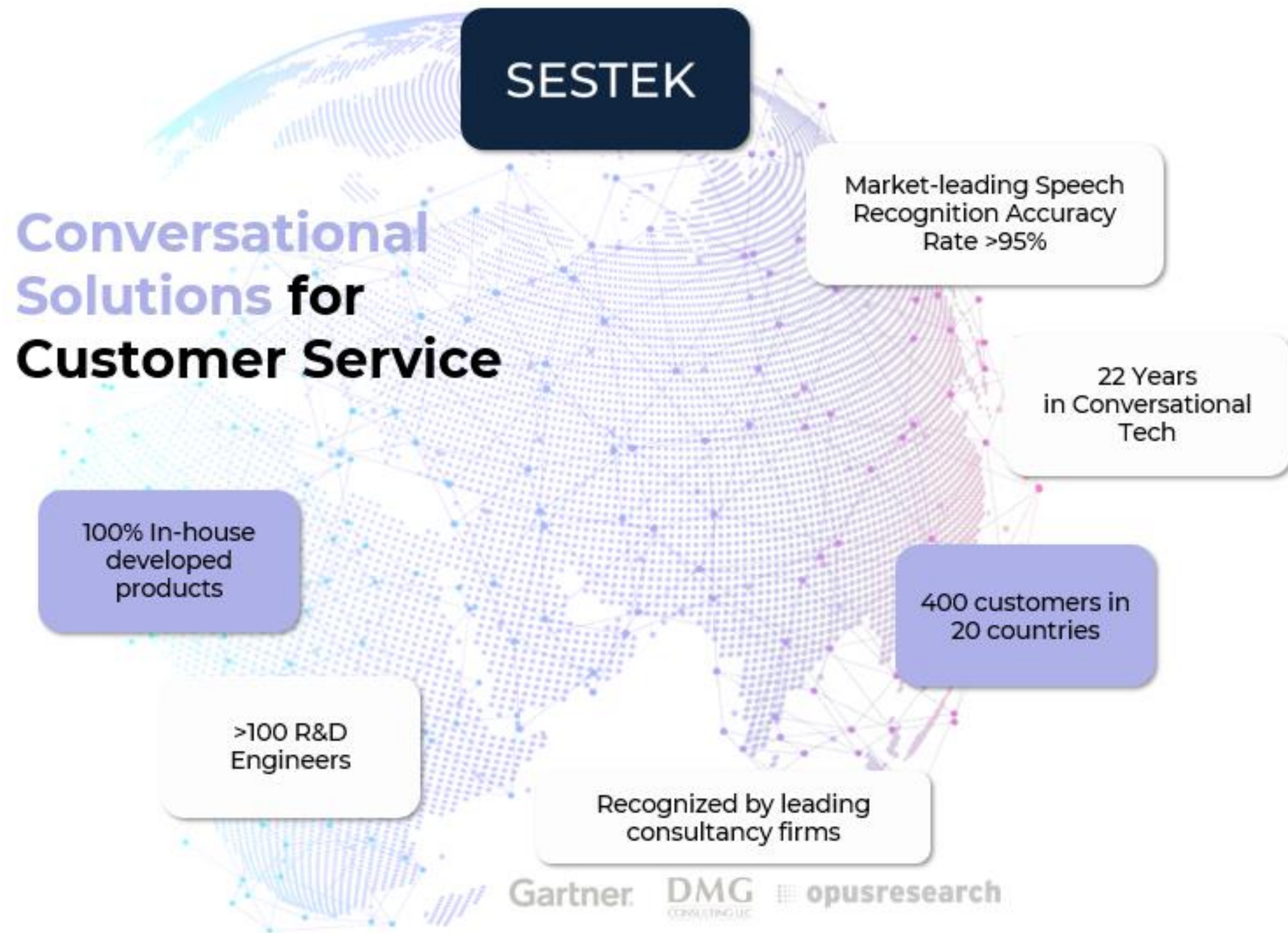
deliver an intelligent & modular multimodal authentication platform and...

- + **expand** intelligent authentication concept **beyond authentication of a single modal**
- + support real-time (often passive) use of **multiple biometric factors**, informed by **other modalities**
- + orchestrate with **AI-infused decision engines**



About SESTEK

> expertise in language technologies



2
R&D CENTERS

11
PATENTS

+60
PUBLICATIONS

+35
FUNDED R&D PROJECTS

Leading companies trust our conversational technologies

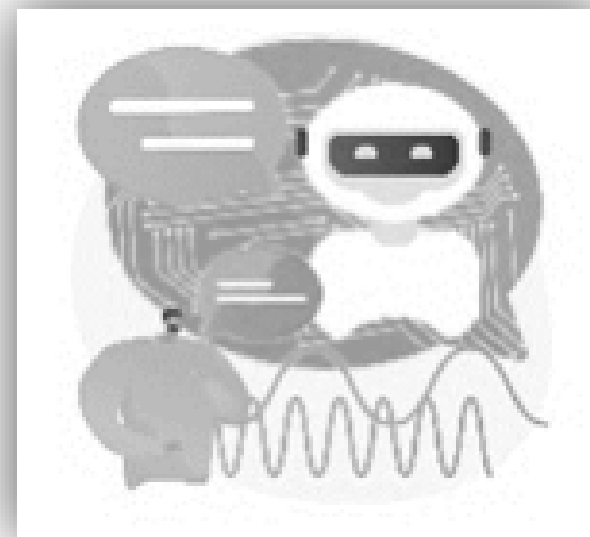


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Conversational AI



- Virtual Assistants
- Speech Recognition (SR)
- Text-to-Speech (TTS)
- Artificial Intelligence (AI)
- Natural Language Processing (NLP)

Conversational Biometrics



- Active Verification
- Passive Verification
- Blacklist Identification

Conversational Analytics



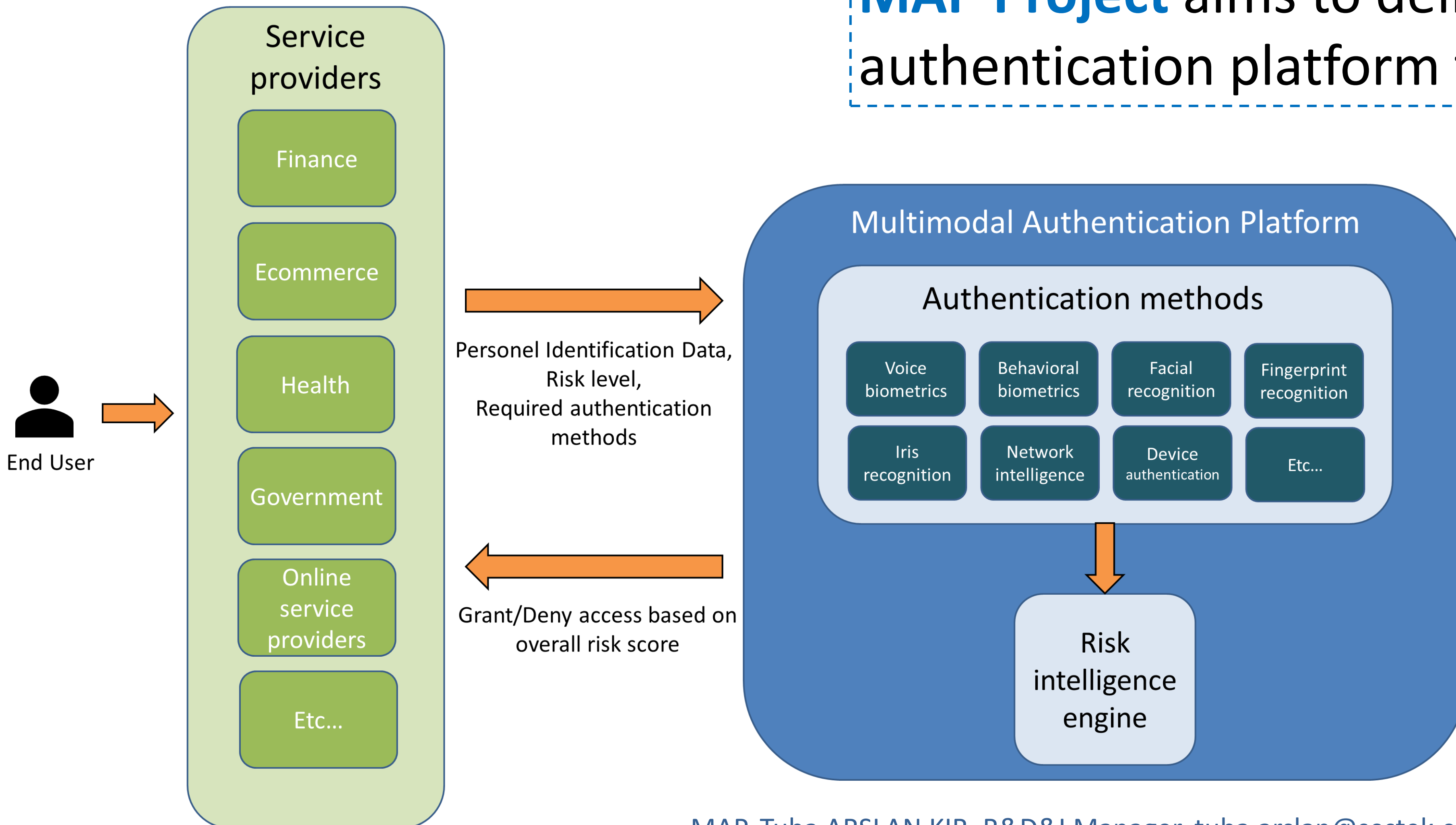
- Speech & Text Analytics
- Real-time Analytics
- Automated Quality Management



Proposal Introduction

MAP Project aims to deliver an intelligent authentication platform to be enabled by;

- Authentication of different modalities
- Modular structure
- Serve different verticals
- Allocation of authentication methods
- AI-infused risk intelligence engine
- End-to-end value chain



Market expectation

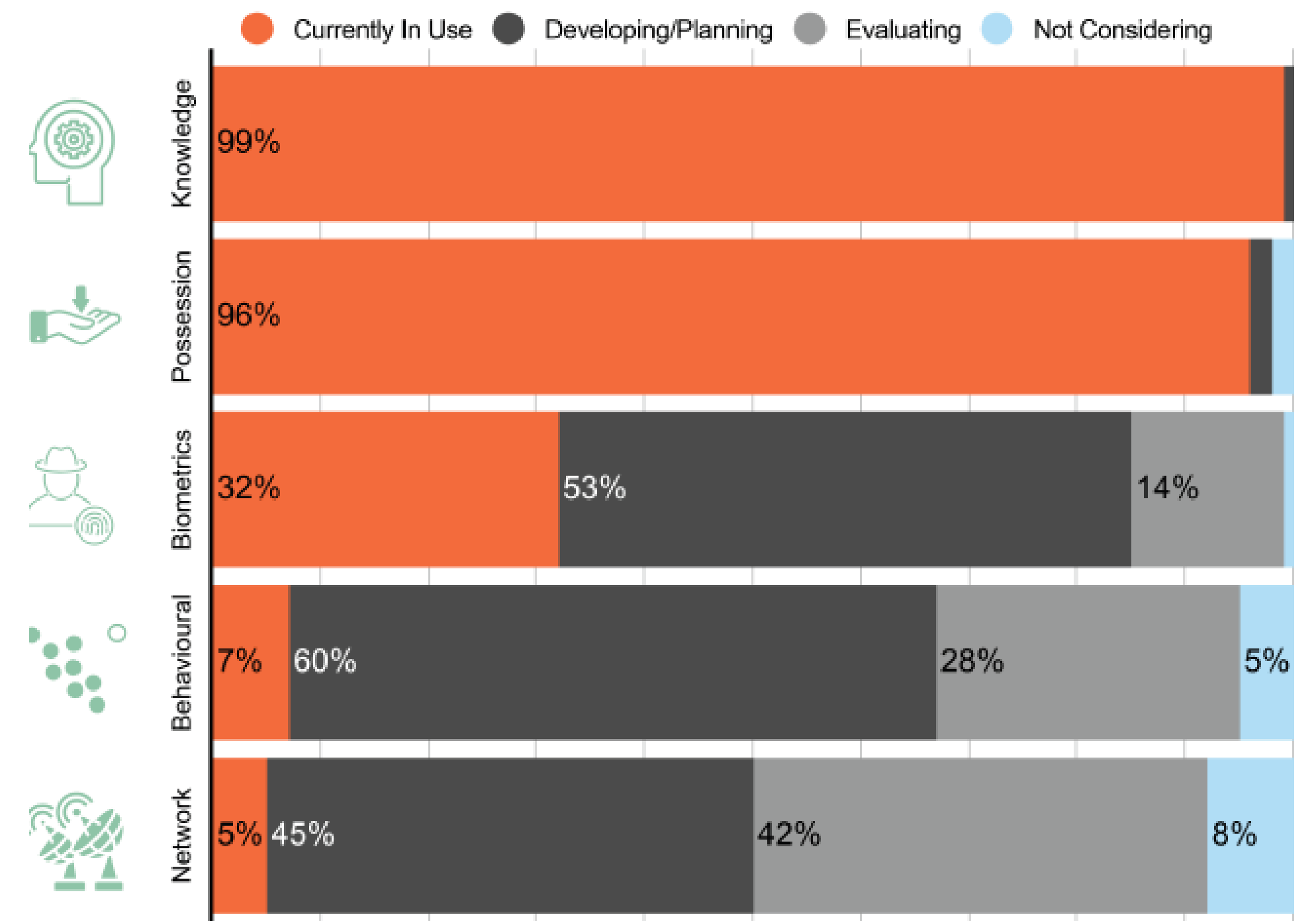
Expected outcome:

- A platform & 3rd party services in line with the Commission's "European Digital Identity Architecture and Reference Framework" concept.

Expected impact:

- Act as a provider of Trust Services
- Become a part of the EUDI (European Digital Identity) Wallet ecosystem
- Close to market: "State of Intelligent Authentication," Opus Research
- Compete with non-EU products (Pindrop, Nuance, NICE, Verint etc.)

Planned project duration: 36 months



Technology Methods for Authentication and Fraud Detection

Opus Research 22

Partners



Consortium

- SESTEK (PC): Voice biometrics, platform development
- Turkish consortium is complete
- Finnish consortium is complete

Looking for:

- Technology providers:
 - Biometrics
 - Behavioral analytics
 - Network intelligence
 - Other kinds of authentication methods
- Use case providers willing to test and use final platform
- A standardization partner

SMEs, RTOs, Industrial partners, Universities from eligible countries



Contact Info

For more information and for interest to participate please contact:

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Presentation available via:



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